CLAIMS

1. (Amended) An ultrasonic probe, comprising: an ultrasonic element unit for transmitting and receiving an ultrasonic wave while carrying out ultrasonic scanning; a storage portion for storing the ultrasonic element unit; and an acoustic medium liquid charged in the storage portion,

wherein the ultrasonic element unit includes a rotating mechanism portion stored in the storage portion, the rotating mechanism portion being a spontaneous rotation type motor whose rotation is induced magnetically and being supported by an elastic supporting member, and

the storage portion is sealed by the supporting member in a liquid-tight state.

- 2. The ultrasonic probe according to claim 1, wherein the supporting member is made of rubber.
- 3. The ultrasonic probe according to claim 1, further comprising pressurizing means for pressurizing the acoustic medium liquid so as to form a positive pressure in the storage portion.
- 4. The ultrasonic probe according to claim 3, wherein the pressurizing means is a syringe pump including a cylinder connected with the storage portion so as to allow the acoustic medium liquid to flow between the cylinder and the storage portion, and a piston arranged in the cylinder.
- 5. The ultrasonic probe according to claim 4, wherein the cylinder is sealed by the piston in a liquid-tight state.
- 6. The ultrasonic probe according to claim 1, further comprising a reservoir connected with the storage portion so as to allow the acoustic medium liquid

to flow between the reservoir and the storage portion.

- 7. The ultrasonic probe according to claim 6, wherein the reservoir is an elastic container with concavities.
- 8. (Added) The ultrasonic probe according to claim 1, further comprising a reservoir that is an elastic container provided so as to allow the acoustic medium liquid to flow between the container and the storage portion,

wherein a volumetric capacity of the reservoir is changed due to deformation of the container in preference to stretching of a material.